

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1-49. (Canceled)

50. (Original) An electro-mechanical system, the system comprising:
a structural plate in contact with a stop; and
an actuator activated by an alternating force for creating an oscillating movement
of the stop relative to the structural plate, wherein the oscillating movement is sufficient to
overcome stiction forces between the structural plate and the stop.

51. (Original) The system of claim 50, wherein the alternating force is an AC
voltage or a pulsed DC voltage.

52. (Original) The system of claim 50, wherein activating the actuator with an
alternating force causes the stop to displace to a displaced position when the alternating force is
at a first potential, and wherein an elastic force associated with the stop causes the stop to
displace toward a static position when the alternating force is at a second potential.

53. (Original) The system of claim 52, wherein the oscillating movement
results from displacing the stop to the displaced position and returning the stop toward the static
position.

54. (Original) The system of claim 53, wherein the oscillating movement
oscillates at a frequency at or about the frequency of the alternating force.

55. (Original) The system of claim 50, the system further comprising a base
layer, wherein the structural plate is supported above the base layer by a pivot and the stop is
disposed over the base layer.

56. (Original) The system of claim 55, wherein the actuator is a first actuator, the system further comprising a second actuator, wherein application of a voltage to the second actuator cause the structural plate to displace and contact the stop.

57-91. (Canceled)

92. (New) The system of claim 50, wherein the system comprises an optical routing apparatus comprising a moveable micro-mirror.

93. (New) The system of claim 50, wherein the stop is comprised of a material and wherein the oscillating movement oscillates at a frequency that is at or near a resonant frequency of the material, or a harmonic thereof.